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HIGH-EFFICIENCY CLASS 5 BOILER

CERTIFICATE

No. OS /725/CUE/18

Confirming that:

UNI 35 water boiler

With a nominal heat output of 35 kW, with automatic feeding of solid fuel, fired with wood pellets.

Produced by:

TIS sp. Z 0. 0 ul. Gen. Władysława Andersa 38, 15-113 Białystok

Tested in accordance with PN-EN 303-5: 2012 meets the requirements of class 5.

The certificate was issued based on the results of laboratory tests carried out by: Laboratory of Boiler and Heating Equipment Research in Łódź, ul. Delivery 1 - provided in test report No. 167/18-LG.

The certificate is valid provided that the manufacturer does not introduce any technical changes to the devi ces manufactured in relation to the devices subjected to tests, without their prior agreement with the Laboratory that issued the certificate.

Period of validity of the certificate from 08.2018 to 08.2021

Head of the Boiler Research Laboratory Head of the Department of Energy Heating Equipment and Devices Testing

INSTITUTE OF POWER ENGINEERING
Research Department
Energy CUE 93-231 Łódź, ul. Delivery 1 tel. 42 640-08-21

Date: 01.08.2018

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CERTIFICATE
No. OS /725/CUE/18

TIS UNI 35 water boiler with a nominal heat output of 35 kW with manual feeding of solid fuel, fired with birch wood logs tested in accordance with PN-EN 303-5: 2012 meets the requirements of class 5.

Parameter		Unit	Result		Standards and requirements
			UNI 35		
Fuel	Automatic Wood Pellets Boiler				
	Calorific value	MJ/kg	19,2		> 17
	Ash	%	0,4		≤ 0,5
	Humidity	%	6,6		≤ 12
Thermal power		kW	19,0	5,5[xx]	(100±8)% Q_N [xxx]
Efficiency		%	89,0	89[xx]	≥ 88,3[xxx]
Emissions	CO	mg/m3	121	500[xx]	≤ 500
	NOx		196	176[xx]	without requirements
	OGC		6	15[xx]	≤ 20
	Dust		14	34[xx]	≤ 40[xxx]

x) calculated as a 10% oxygen content in dry exhaust gas
xx) refers to a reduced load - 30% of the nominal heat output
xxx) applies to nominal power

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